

FORM PTO-1449

ATTY.
DOCKETASF98064 -
(021971.0144)SERIAL
NO.

09/753,431

LIST OF PATENTS AND PUBLICATIONS

APPLICANT

Robert S. Young, Jr., et al.

FOR APPLICANT'S INFORMATION

FILING DATE

January 2, 2001

GROUP

DISCLOSURE STATEMENT

FOR: Method and System for Estimating Sensor Dark Current Drift
and Sensor/Illumination Non-Uniformities

UNITED STATES LETTERS PATENT

		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
1		3	8	3	3	1	6	1	Sep. 3, 1974	Krumbein	226	92
2		4	2	6	5	5	4	5	May 5, 1981	Slaker	356	431
3		4	6	3	3	3	0	0	Dec. 30, 1986	Sakai	358	41
4		4	7	4	1	6	2	1	May 3, 1988	Taft et al.	356	376
5		5	0	2	7	1	4	6	Jun. 25, 1991	Manico et al.	354	299
6		5	2	0	0	8	1	7	Apr. 6, 1993	Birnbaum	358	80
7		5	3	3	4	2	4	7	Aug. 2, 1994	Columbus et al.	118	411
8		5	4	7	7	3	4	5	Dec. 19, 1995	Tse	358	500
9		5	5	8	7	7	5	2	Dec. 24, 1996	Petruchik	396	315
10		5	6	2	7	0	1	6	May 6, 1997	Manico	430	434
11		5	6	4	9	2	6	0	Jul. 15, 1997	Wheeler et al.	396	569
12		5	8	3	5	7	9	5	Nov. 10, 1998	Craig et al.	396	6
13		5	9	5	9	7	2	0	Sep. 28, 1999	Kwon et al.	355	38
14		6	0	8	8	0	8	4	Jul. 11, 2000	Nishio	355	75
15		6	2	0	0	7	3	8	Mar. 13, 2001	Takano et al.	430	362

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS
1		WO 98/25399 A1							Jun. 11, 1998	PCT	H04N	1/38
2		WO 98/34157 A2							Aug. 6, 1998	PCT	G03D	
3		WO 99/43149 A1							Aug. 26, 1999	PCT	H04N	1/00
4		WO 01/45042 A1							Jun. 21, 2001	PCT	G06T	5/00
5		WO 01/50192 A1							Jul. 12, 2001	PCT	G03C	7/407
6		WO 01/50193 A1							Jul. 12, 2001	PCT	G03C	7/407
7		WO 01/50194 A1							Jul. 12, 2001	PCT	G03C	7/407
8		WO 01/50197 A1							Jul. 12, 2001	PCT	G03C	7/42
9		WO 01/52556 A2							Jul. 19, 2001	PCT	H04N	9/11
10		EP 0 580 293 A1							Jan. 26, 1994	Europe	H04N	1/04
11		EP 0 601 364 A1							Jun. 15, 1994	Europe	H04N	1/387
12		EP 0 768 571 A2							Apr. 16, 1997	Europe	G03D	13/00
13		EP 0 806 861 A1							Nov. 12, 1997	Europe	H04N	1/00
14		EP 0 878 777 A2							Nov. 18, 1998	Europe	G06T	5/40

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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FOR: METHOD AND SYSTEM FOR ESTIMATING SENSOR
DARK CURRENT DRIFT AND SENSOR/ILLUMINATION NON-
UNIFORMITIES

UNITED STATES LETTERS PATENT



DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
2 4 0 4 1 3 8	Jul. 16, 1946	Mayer, A.L.	95	94
3 5 2 0 6 8 9	Jul. 14, 1970	Nagae et al.	96	55
3 5 2 0 6 9 0	Jul. 14, 1970	Nagae et al.	96	55
3 5 8 7 4 3 5	Jun. 28, 1971	Chioffe	95	93
3 6 1 5 4 7 9	Oct. 26, 1971	Kohler et al.	96	48
3 6 1 5 4 9 8	Oct. 26, 1971	Aral et al.	96	55
3 6 1 7 2 8 2	Nov. 2, 1971	Bard et al.	96	59
3 7 4 7 1 2 0	Jul 17, 1973	Stemme	346	75
3 9 0 3 5 4 1	Sep. 2, 1975	Von Meister et al.	354	317
3 9 4 6 3 9 8	Mar 23, 1976	Kyser et al.	346	1
3 9 5 9 0 4 8	May 25, 1976	Stanfield et al.	156	94
4 0 2 6 7 5 6	May 31, 1977	Stanfield et al.	156	554
4 0 8 1 5 7 7	Mar. 28, 1978	Horner	427	424
4 1 4 2 1 0 7	Feb. 27, 1979	Hatzakis et al.	250	571
4 2 1 5 9 2 7	Aug. 5, 1980	Grant et al.	354	317
4 2 4 9 9 8 5	Feb. 10, 1981	Stanfield	156	554
4 3 0 1 4 6 9	Nov. 17, 1981	Modeen et al.	358	75
4 4 9 0 7 2 9	Dec. 25, 1984	Clark et al.	346	75
4 5 0 1 4 8 0	Feb. 26, 1985	Matsui et al.	354	298

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WO 90/01240	Feb. 8, 1990	PCT	H04N	1/40
WO 91/09493	Jun. 27, 1991	PCT	H04N	5/217
WO 97/25652	Jul. 17, 1997	PCT	G03D	5/00
WO 98/19216	May 7, 1998	PCT	G03C	5/29
WO 98/25399	Jun. 11, 1998	PCT	H04N	1/38
WO 98/31142	Jul. 16, 1998	PCT	H04N	5/253
WO 98/34157	Aug. 6, 1998	PCT	G03D	

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	"Adaptive Fourier Threshold Filtering: A Method to Reduce Noise and Incoherent Artifacts in High Resolution Cardiac Images", Doyle, M., et al., 8306 Magnetic Resonance in Medicine 31, No. 5, Baltimore, MD, May, 1994, pp. 546-550.
	"Anisotropic Spectral Magnitude Estimation Filters for Noise Reduction and Image Enhancement", T. Aach, et al., Philips GmbH Research Laboratories, IEEE, pp. 335-338, 1996.
	"Adaptive-neighborhood filtering of images corrupted by signal-dependent noise", R. Rangayyan, et al., Applied Optics, Vol. 37, No. 20, pp. 4477-4487, July 10, 1998.
	"Grayscale Characteristics", The Nature of Color Images, Photographic Negatives, pp. 163-168.
	"Parallel Production of Oligonucleotide Arrays Using Membranes and Reagent Jet Printing", D. Stimpson, et al., Research Reports, BioTechniques, Vol. 25, No. 5, pp. 886-890, 1998.
	"Low-Cost Display Assembly and Interconnect Using Ink-Jet Printing Technology", D. Hayes, et al., Display Works '99, MicroFab Technologies, Inc., pp. 1-4, 1999.
	"Ink-Jet Based Fluid Microdispensing in Biochemical Applications", D. Wallace, MicroFab Technologies, Inc., Laboratory Automation News, Vol. 1, No. 5, pp. 3, 6-9, Nov., 1996.

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DOCUMENT NUMBER

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4	5	6	4	2	8	0	Jan. 14, 1986	Fukuda	354	317
4	5	9	4	5	9	8	Jun. 10, 1986	Iwagami	346	140
4	6	2	1	0	3	7	Nov. 4, 1986	Kanda et al.	430	30
4	6	2	3	2	3	6	Nov. 18, 1986	Stella	354	318
4	6	3	6	8	0	8	Jan. 13, 1987	Herron	346	75
4	6	6	6	3	0	7	May 19, 1987	Matsumoto et al.	356	404
4	6	7	0	7	7	9	Jun 2, 1987	Nagano	358	75
4	7	3	6	2	2	1	Apr. 5, 1988	Shidara	354	317
4	7	4	5	0	4	0	May 17, 1988	Levine	430	21
4	7	5	5	8	4	4	Jul. 5, 1988	Tsuchiya et al.	354	317
4	7	7	7	1	0	2	Oct. 11, 1988	Levine	430	21
4	7	9	6	0	6	1	Jan. 3, 1989	Ikeda et al.	355	73
4	8	1	4	6	3	0	Mar. 21, 1989	Lim	250	578
4	8	2	1	1	1	4	Apr. 11, 1989	Gebhardt	358	75
4	8	4	5	5	5	1	Jul. 4, 1989	Matsumoto	358	80
4	8	5	1	3	1	1	Jul. 25, 1989	Millis et al.	430	30
4	8	5	7	4	3	0	Aug. 15, 1989	Millis et al.	430	30
4	8	7	5	0	6	7	Oct. 17, 1989	Kanzaki et al.	354	325
4	9	6	9	0	4	5	Nov. 6, 1990	Haruki et al.	358	228

FOREIGN PATENT DOCUMENTS

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WO 98/34397	Aug. 6, 1998	PCT	H04N	
WO 99/43148	Aug. 26, 1999	PCT	H04N	1/00
WO 01/01197	Jan. 4, 2001	PCT	G03D	5/00
WO 01/13174 A1	Feb. 22, 2001	PCT	G03D	5/06
EP 0 261 782 A2	Aug. 14, 1987	Europe	H04N	1/46
EP 0 422 220 A1	Mar. 28, 1989	Europe	A61B	6/03
EP 0 482 790 B1	Sep. 9, 1991	Europe	H04N	1/40
EP 0 525 886 A3	Jul. 21, 1992	Europe	G03D	5/00
EP 0 580 293 A1	Jun. 22, 1993	Europe	H04N	1/04
EP 0 669 753 A2	Feb. 24, 1995	Europe	H04N	1/407

OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

"Photorealistic Ink-Jet Printing Through Dynamic Spot Size Control", D. Wallace, et al., Journal of Imaging Science and Technology, Vol. 40, No. 5, pp. 390-395, Sept/Oct. 1996.

"MicroJet Printing of Solder and Polymers for Multi-Chip Modules and Chip-Scale Package", D. Hayes, et al., MicroFab Technologies, Inc. (6 pages)

"A Method of Characteristics Model of a Drop-on-Demand Ink-Jet Device Using an Integral Method Drop Formation Model", D. Wallace, MicroFab Technologies, Inc., The American Society of Mechanical Engineers, Winter Annual Meeting, pp. 1-9, Dec. 10-15, 1989.

"Digital Imaging Equipment White Papers", Putting Damaged Film on ICE, www.nikonusa.com/reference/whitepapers/imaging, Nikon Corporation, Nov. 28, 2000.

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DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
4 9 9 4 9 1 8	Feb. 19, 1991	Lingemann	358	214
5 0 3 4 7 6 7	Jul. 23, 1991	Netz et al.	354	317
5 1 0 1 2 8 6	Mar. 31, 1992	Patton	358	487
5 1 2 4 2 1 6	Jun. 23, 1992	Giapis et al.	430	30
5 1 5 5 5 9 6	Oct. 13, 1992	Kurtz et al.	358	214
5 1 9 6 2 8 5	Mar. 23, 1993	Thomson	430	30
5 2 1 2 5 1 2	May 18, 1993	Shiota	354	319
5 2 3 1 4 3 9	Jul. 27, 1993	Takahashi et al.	354	313
5 2 3 5 3 5 2	Aug. 10, 1993	Pies et al.	346	140
5 2 5 5 4 0 8	Oct. 26, 1993	Blackman	15	308
5 2 6 6 8 0 5	Nov. 30, 1993	Edgar	250	330
5 2 6 7 0 3 0	Nov. 30, 1993	Giorgianni et al.	358	527
5 2 9 2 6 0 5	Mar. 8, 1994	Thomson	430	30
5 2 9 6 9 2 3	Mar. 22, 1994	Hung	358	527
5 3 5 0 6 5 1	Sep. 27, 1994	Evans et al.	430	21
5 3 5 0 6 6 4	Sep. 27, 1994	Simons	430	362
5 3 5 7 3 0 7	Oct. 18, 1994	Glanville et al.	354	324
5 3 6 0 7 0 1	Nov. 1, 1994	Elton et al.	430	501
5 3 7 1 5 4 2	Dec. 6, 1994	Pauli et al.	348	262

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
EP 0 794 454 A2	Sep. 10, 1997	Europe	G03B	27/73
EP 0 930 498 A2	Jul. 21, 1999	Europe	G01N	21/88

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DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS
5	3	9	1	4	4	3	Feb. 21, 1995	Simons et al.	430	21	
5	4	1	4	7	7	9	May 9, 1995	Mitch	382	199	
5	4	1	6	5	5	0	May 16, 1995	Skye et al.	354	298	
5	4	1	8	1	1	9	May 23, 1995	Simons	430	507	
5	4	1	8	5	9	7	May 23, 1995	Lahcanski et al.	355	76	
5	4	3	2	5	7	9	Jul. 11, 1995	Tokuda	354	293	
5	4	3	6	7	3	8	Jul. 25, 1995	Manico	358	503	
5	4	4	0	3	6	5	Aug. 8, 1995	Gates et al.	354	298	
5	4	4	7	8	1	1	Sep. 5, 1995	Buhr et al.	430	20	
5	4	4	8	3	8	0	Sep. 5, 1995	Park	358	520	
5	4	5	2	0	1	8	Sep. 19, 1995	Capitant et al.	348	651	
5	4	6	5	1	5	5	Nov. 7, 1995	Edgar	358	500	
5	5	1	6	6	0	8	May 14, 1996	Hobbs et al.	430	30	
5	5	4	6	4	7	7	Aug. 13, 1996	Knowles et al.	382	242	
5	4	9	6	6	6	9	Mar. 5, 1996	Pforr et al.	430	22	
5	5	5	0	5	6	6	Aug. 27, 1996	Hodgson et al.	345	202	
5	5	1	9	5	1	0	May 21, 1996	Edgar	358	471	
5	5	5	2	9	0	4	Sep. 3, 1996	Ryoo et al.	358	518	
5	5	6	3	7	1	7	Oct. 8, 1996	Koeng et al.	358	406	

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EXAMINER K. J. Jones DATE CONSIDERED 1/1/2011

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JUL 30 2001	5	5	6	8	2	7	0	Oct. 22, 1996	Endo	358	298				
	5	5	7	6	8	3	6	Nov. 19, 1996	Sano et al.	358	302				
	5	5	8	1	3	7	6	Dec. 3, 1996	Harrington	358	518				
	5	5	9	6	4	1	5	Jan. 21, 1997	Cosgrove et al.	358	296				
	5	6	2	7	0	1	6	May 6, 1997	Manico	430	434				
	5	6	6	4	2	5	3	Sep. 2, 1997	Meyers	396	603				
	5	6	6	4	2	5	5	Sep. 2, 1997	Wen	396	627				
	5	6	6	7	9	4	4	Sep. 16, 1997	Reem et al.	430	359				
	5	6	7	8	1	1	6	Oct. 14, 1997	Sugimoto et al.	396	611				
	5	6	9	1	1	1	8	Nov. 25, 1997	Haye	430	357				
	5	6	9	5	9	1	4	Dec. 9, 1997	Simon et al.	430	379				
	5	6	9	8	3	8	2	Dec. 16, 1997	Nakahanada et al.	430	418				
	5	7	2	6	7	7	3	Mar. 10, 1998	Mehlo et al.	358	474				
	5	7	3	9	8	9	7	Apr. 14, 1998	Frick et al.	355	40				
	5	7	7	1	1	0	7	Jun. 23, 1998	Fujimoto et al.	358	464				
	5	7	9	0	2	7	7	Aug. 4, 1998	Edgar	358	487				
	5	8	3	5	8	1	1	Nov. 10, 1998	Tsumura	396	598				
	5	8	7	0	1	7	2	Feb. 9, 1999	Blume	355	27				
	5	8	8	0	8	1	9	Mar. 9, 1999	Tanaka et. al.	355	75				

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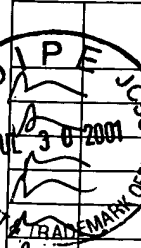
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	5	8	9	2	5	9	5	Apr. 6, 1999	Yamakawa et al.	358	530
	5	9	3	0	3	8	8	Jul. 27, 1999	Murakami et al.	382	167
	5	9	6	3	6	6	2	Oct. 5, 1999	Vachtsevanos et al.	382	150
	5	9	6	6	4	6	5	Oct. 12, 1999	Keith et al.	382	232
	5	9	7	9	0	1	1	Nov. 9, 1999	Miyawaki et al.	15	308
	5	9	8	2	9	3	6	Nov. 9, 1999	Tucker et al.	382	233
	5	9	8	2	9	3	7	Nov. 9, 1999	Accad	382	239
	5	9	8	2	9	4	1	Nov. 9, 1999	Loveridge et al.	382	260
	5	9	8	2	9	5	1	Nov. 9, 1999	Katayama et al.	382	284
	5	9	8	8	8	9	6	Nov. 23, 1999	Edgar	396	604
	5	9	9	1	4	4	4	Nov. 23, 1999	Burt et al.	382	232
	5	9	9	8	1	0	9	Dec. 7, 1999	Hirabayashi	430	434
	6	0	0	0	2	8	4	Dec. 14, 1999	Shin et al.	73	150
	6	0	0	5	9	8	7	Dec. 21, 1999	Nakamura et al.	382	294
	6	0	6	5	8	2	4	May 23, 2000	Bullock et al.	347	19
	6	0	6	9	7	1	4	May 30, 2000	Edgar	358	487
6	0	8	9	6	8	7	Jul. 18, 2000	Helterline	347	7	
6	1	0	1	2	7	3	Aug. 8, 2000	Matama	382	169	
6	1	0	2	5	0	8	Aug. 15, 2000	Cowger	347	7	
6	1	3	7	9	6	5	Oct. 24, 2000	Burgeios et al.	396	626	

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